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Sheet 1

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known				
Application Number	10/552,122			
Filing Date	October 4, 2005			
First Named Inventor	Takayuki Yako			
Art Unit	1713			
Examiner Name	Roberto Rabago			
Attorney Docket Number	DO2052LIS2A			

Examiner	Cite No.	Document Number	U. S. PATENT Publication Date	N	ame of Patentee or	Pages, Columns, Lines, Where
Initials* N	No.'	Number-Kind Code ^{2 (# known)}	MM-DD-YYYY	Applicant of Cited Document		Relevant Passages or Relevan Figures Appear
		^{US-} 5,336,726	08-09-1994	Donn Duboi	s	
		^{US-} 5,310,798	05-10-1994	David Laws	on et al.	
		^{US-} 4,783,504	11-08-1988	David St. Cl	air et al.	
		^{US-} 4,397,994	08-09-1983	Yasumasa 1	Takeuchi et al.	
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